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PATENT

TOWNSEND and TOWNSEND and CREW LLP

By: Julie Taylor Clough

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

**SEE ATTACHED SCHEDULE**

Application No.:

Filed:

For:

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Examiner:

Art Unit:

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SEIKO EPSON CORPORATION, owner of the entire right, title and interest in the above patent assets by virtue of an assignment recorded at Reel 023538, Frame 0889 of the U.S. Patent and Trademark Office microfilm records, hereby appoints the practitioners associated with Townsend and Townsend and Crew, LLP, Customer No. 20350 as attorneys of record to act on behalf of SEIKO EPSON CORPORATION, and to transact all business in the U.S. Patent and Trademark Office for the listed patents.

The undersigned has reviewed the chain of title and confirms that the aforesaid title is in the owner. The undersigned is authorized to execute this document as, or on behalf of, the owner.

Application No.: **SEE ATTACHED**  
**SCHEDULE**  
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PATENT

ALL CORRESPONDENCE IN CONNECTION WITH THESE  
APPLICATIONS SHOULD BE SENT TO TOWNSEND AND TOWNSEND AND  
CREW, LLP, CUSTOMER NO. 20350, TELEPHONE 415-576-0200.

March 8, 2010  
Date

  
Signature

Masataka Kamivanagi  
Typed Name

Managing Executive Officer  
Title (if acting on behalf of Owner)

**SCHEDULE OF  
PATENTS AND PATENT APPLICATIONS**

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